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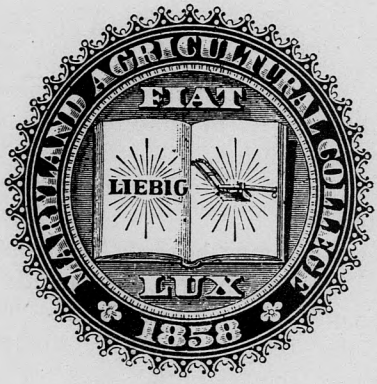

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ADDRESS

Chemical Department, Maryland Agricultural College,

COLLEGE PARK, MD.

ANALYSIS OF

Commercial Fertilizers Sold in Maryland

BY THE CHEMICAL DEPARTMENT OF

THE MARYLAND AGRICULTURAL COLLEGE.

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The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from *August, 1903, to January, 1904*, inclusive.

The majority of the samples analyzed are obtained by our sampling agents, the samples being taken while the goods are in transit, on vessels, wharves, cars, at stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all the samples we collect; duplicates are generally omitted.

No samples are accepted from manufacturers or their agents under any circumstances.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid" are percentages, or pounds per hundred. To get pounds per ton multiply the figures by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The columns headed "No." contain the respective numbers by which the samples are known in the laboratory. In writing to the Chemical Department in regard to any analysis the number should always be given. The samples are numbered consecutively on the books of the office, but are arranged alphabetically for publication, which accounts for the mixing up of the numbers.

The "comparative value found" and the "comparative value guaranteed" are calculated, the former from the analysis found, the latter from the analysis guaranteed on the bags, using the following schedule:

In Mixed Fertilizer:

For Nitrogen, calculated as Ammonia	17 1-2 cts. per pound.
For Potash (K2O), in forms free from muriate	6 cts. per pound.
For Potash (K2O), as muriate	5 cts. per pound.
For Available Phosphoric Acid	5 cts. per pound.
For Insoluble Phosphoric Acid	2 cts. per pound.
For Insoluble Phosphoric Acid when from S. C. Rock	1 cts. per pound.

In Dissolved S. C. Rock:

Available Phosphoric Acid	4 cts. per pound.

In Ground Bone:

For Nitrogen, calculated as Ammonia, in "Fine" Bone	16 cts. per pound.
For Nitrogen, calculated as Ammonia, in "Fine Medium" Bone	14 cts. per pound.
For Nitrogen, calculated as Ammonia, in "Medium" Bone	12 cts. per pound.
For Nitrogen, calculated as Ammonia, in "Coarse" Bone	10 cts. per pound.
For Phosphoric Acid in "Fine" Bone	5 cts. per pound.
For Phosphoric Acid in "Fine Medium" Bone	4 cts. per pound.
For Phosphoric Acid in "Medium" Bone	3 cts. per pound.
For Phosphoric Acid in "Coarse" Bone	2 cts. per pound.

In Tankage and Ground Fish:

For Nitrogen, calculated as Ammonia	15 cts. per pound.
For Phosphoric Acid	3 cts. per pound.

In using the above schedule *all fertilizers containing less than one per cent. of ammonia will be given the rock valuation of four cents per pound on the available phosphoric acid.*

The "comparative values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use; this varies considerably, depending on the market prices of the ingredients, freight, commissions, size of order, cash or credit, &c.

Manufacturers, and their agents, are *not* required to sell fertilizers at the estimated or comparative values as given in this bulletin. That is a matter between buyer and seller. They *are* required, however, to furnish the amount of plant food called for in the guaranteed analysis.

Sliding-scale guarantees (the use of a maximum as well as a minimum guarantee), as "ammonia 1 to 3 per cent.," is unlawful. The penalty for the first offense is $100 fine.

It is unlawful to sell any brand of commercial fertilizer before the license for the same has been obtained from the Comptroller. When the license is paid by the manufacturer it is not necessary for his agents to obtain another license for the same brands. If, however, the manufacturer resides out of the State, and does not pay the license, each agent selling the goods, or offering the same for sale, is held responsible for the license.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11778	American Agr'l Chemical Co., New York.	Banner Wheat Grower	Wakefield
11708	" " "	Beckley's Wheat and Clover.	Halfway
11884	" " "	Dissolved Animal Bone	Owings Mills (R. E. Shoemaker)
11697	" " "	Fine Ground Bone	Silver Springs
11744	" " "	Fine Ground Bone	Laurel
11742	" " "	Forsyth & Linthicum's Mixture.	Ellicott City
11713	" " "	Gem Alkaline Phosphate	Hancock
11783	" " "	H. G. Bone & Potash	Frederick
11841	" " "	Paragon Amm'd Bone Phosphate and Potash.	Willoughby
11810	" " "	Pure Ground Bone	Catonsville
11880	" " "	S. C. Bone (Md. Diss.)	Trappe (W. F. Robinson)
11779	" " "	Wheat and Rye Grower	Wakefield
11774	A. A. C. Co., (Canton) Baltimore, Md.	Baker's Dissolved Bone Phosphate.	Baltimore
11657	" " "	Baker's Dissolved S. C. Bone.	Baltimore
11750	" " "	Baker's Special Wheat Corn & Grass Mixture.	Baltimore
11764	" " "	Baker's Standard H. G. Guano.	Baltimore
11792	" " "	Eagle Phosphate	Baltimore
11793	" " "	Fine Ground Bone	Baltimore
11855	" " "	Harrow Brand Crop Grower.	Baltimore
11655	" " "	Patrons Bone Mixture	Baltimore
11767	" " "	Pure Ground Bone	Baltimore
11849	" " "	Soluble Alkaline Bone	Snow Hill
11751	" " "	Soluble Bone and Potash.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11778	.....	.....	2.00	2.00	.32	10.51	10.00	10.83	11.00	$10.47	$10.20
11708	2.51	2.00	3.70	4.00	.75	12.04	12.00	12.79	.....	24.83	23.00
11884	2.87	2.50	.....	.....	2.32	12.21	12.00	14.53	.....	23.19	20.25
11697	3.46	3.00	.....	.....	.....	.....	.....	22.22	22.00	29.59	.....
11744	3.16	3.00	.....	.....	.....	.....	.....	23.13	22.80	29.75	.....
11742	2.56	2.25	4.53	4.00	2.70	11.06	9.00	13.76	.....	25.63	22.68
11713	.....	.....	3.42	3.00	.80	6.50	6.00	7.30	.....	8.78	7.80
11783	.....	.....	2.90	3.00	.50	12.04	12.00	12.54	.....	12.63	12.60
11841	1.67	1.00	1.67	1.00	.95	7.49	7.00	8.44	.....	15.38	11.50
11810	4.81	4.00	.....	.....	.....	.....	.....	20.77	20.00	26.17	.....
11880	.....	.....	.....	.....	1.02	14.93	14.00	15.95	.....	11.94	11.20
11779	1.28	1.00	2.06	2.00	.82	8.22	8.00	9.04	.....	15.09	13.50
11774	.....	.....	.....	.....	1.07	14.10	14.00	15.17	.....	11.28	11.20
11657	.....	.....	.....	.....	1.00	14.41	14.00	15.41	.....	11.53	11.20
11750	1.21	1.00	2.24	2.00	1.15	9.65	8.00	10.80	.....	16.59	13.50
11764	2.71	2.50	3.21	3.00	1.32	8.28	8.00	9.60	.....	21.51	19.75
11792	1.50	1.00	1.87	1.00	.90	7.73	7.00	8.63	.....	15.21	11.50
11793	3.21	3.00	.....	.....	.....	.....	.....	21.98	22.80	28.73	.....
11855	1.13	1.00	1.52	1.00	.80	10.62	8.00	11.42	.....	16.41	12.50
11655	2.20	2.00	2.63	2.50	4.77	8.88	5.00	13.65	10.00	21.12	14.50
11767	4.40	4.00	.....	.....	.....	.....	.....	23.52	20.60	29.96	.....
11849	.....	.....	3.56	3.00	.37	12.02	12.00	12.39	.....	13.25	12.60
11751	.....	.....	1.93	2.00	.95	11.09	10.00	12.04	.....	10.99	10.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11752	A. A. C. Co., (Detrick)	Amm'd Bone Phosphate	Baltimore
11773	" " "	Bone and Potash Mixture	Baltimore
11811	" " "	Bone Phosphate and Potash.	Owings Mills
11688	" " "	Dissolved Bone	Mt. Airy
11756	" " "	Farmer's Amm'd Bone Phosphate and Potash	Baltimore
11695	" " "	Farmers' New Method	Silver Spring
11828	" " "	Fish Mixture	Baltimore
11687	" " "	Imperial Compound	Mt. Airy
11686	" " "	K. K. K. Kangaro Komplete Kompound.	Mt. Airy
11862	" " "	Orchilla Guano	Pocomoke City
11843	" " "	Paragon Amm'd Bone Phosphate and Potash.	Singerly
11651	" " "	P. and B. Special Fertilizer.	Baltimore
11696	" " "	Quick-Step Bone Phosphate.	Silver Spring
11823	" " "	Royal Crop Grower	Baltimore
11685	" " "	Soluble Bone and Potash	Mt. Airy
11860	" " "	Special Mixture	Baltimore
11865	" " "	Special Mixture	Pocomoke City
11844	" " "	Standard Potash Fertilizer	Singerly
11766	" " "	Vegetator	Baltimore
11674	A. A. C. Co., (Lazaretto)	Amm'd Bone Phosphate	Baltimore
11673	" " "	Bone Compound	Baltimore
11677	" " "	Crop Grower	Baltimore
11675	" " "	Dissolved Bone & Potash	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11752	1.76	1.50	2.16	2.00	.72	9.34	9.00	10.06	.....	$17.95	$16.25
11773	.....	.....	1.12	2.00	.92	13.53	11.00	14.45	.....	12.12	10.80
11811	.....	.....	1.82	2.00	.52	10.52	10.00	11.04	.....	10.34	10.00
11688	.....	.....	.....	.....	.70	13.72	14.00	14.42	.....	10.98	11.20
11756	1.62	1.00	1.66	1.00	.82	7.73	7.00	8.55	.....	15.39	11.50
11695	2.80	2.50	.....	.....	1.55	9.01	8.00	10.56	.....	19.43	17.55
11828	2.03	2.00	2.64	2.00	1.10	8.07	8.00	9.17	.....	18.25	17.00
11687	1.43	1.00	2.38	2.00	.92	8.47	8.00	9.39	.....	16.23	13.50
11686	1.88	2.00	3.18	2.00	1.85	8.48	8.00	10.33	.....	18.98	17.00
11862	.....	.....	.....	.....	.....	.....	.....	16.92	14.00	.....	.....
11843	1.52	1.00	1.47	1.00	.87	7.93	7.00	8.80	.....	15.07	11.50
11651	.....	.....	3.75	3.00	.32	12.76	12.00	13.08	.....	14.02	12.60
11696	3.07	3.00	4.32	4.00	.60	8.49	8.00	9.09	.....	23.80	22.50
11823	2.30	2.00	2.46	2.00	.85	8.56	8.00	9.41	.....	19.41	17.00
11685	.....	.....	1.89	2.00	.44	10.28	10.00	10.72	.....	10.20	10.00
11860	1.07	1.00	1.66	1.00	.97	8.74	8.00	9.71	.....	14.53	12.50
11865	1.26	1.00	1.92	1.00	1.22	8.62	8.00	9.84	.....	15.44	12.50
11844	1.33	1.50	5.10	5.00	1.07	7.77	6.00	8.84	.....	17.95	16.25
11766	2.81	2.50	3.29	3.00	1.15	8.39	8.00	9.54	.....	21.98	19.75
11674	1.28	1.00	2.10	2.00	.82	8.10	8.00	8.92	.....	15.01	13.50
11673	1.30	1.25	3.14	3.00	.57	9.11	9.00	9.68	.....	17.03	16.38
11677	2.17	2.00	2.47	2.00	1.31	8.02	8.00	9.33	.....	18.61	17.00
11675	.....	.....	1.72	2.00	1.67	10.13	10.00	11.80	.....	10.15	10.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11671	A. A. C. Co., (Lazaretto)	Dissolved Bone Phosphate.	Baltimore
11839	" " "	Dissolved Bone Phosphate and Potash.	Barclay
11672	" " "	Excelsior A. A. A.	Baltimore
11656	" " "	Forsythe & Linthicum Mixture.	Baltimore
11676	" " "	H. G. Dissolved Bone and Potash.	Baltimore
11678	" " "	H. G. Dissolved Bone Phosphate and Potash.	Baltimore
11646	" " "	H. G. Dissolved Bone Phosphate and Potash.	Reid (J. F. Young)
11763	" " "	Retriever Animal Bone Fertilizer.	Baltimore
11794	A. A. C. Co., (Maryland)	Alkaline Bone.	Baltimore
11822	" " "	Ammoniated Bone.	Baltimore
11848	" " "	Bone Super Phosphate.	Snow Hill
17830	" " "	Dissolved S. C. Bone	Baltimore
11850	" " "	Tornado	Snow Hill
11772	A. A. C. Co., (Nickerson)	Acid Phosphate	Baltimore
11845	" " "	Advance Guano	Elkton
11821	" " "	Alkaline Bone and Potash	Baltimore
11798	" " "	Dissolved Bone and Potash.	Baltimore
11748	" " "	Eastern Shore Domestic Guano.	Baltimore
11820	" " "	English Mixture	Baltimore
11709	A. A. C. Co. (Packers Union)	Acidulated Bone	Charlton
11653	" " "	American Wheat and Rye Grower.	Baltimore
11564	" " "	Banner Wheat Grower.	Baltimore
11749	" " "	Fine Ground Bone	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11671	.....	.....	.....	.....	.72	14.61	14.00	15.33	.....	$11.69	$11.20
11839	.....	.....	3.08	3.00	.60	12.03	12.00	12.63	.....	12.82	12.60
11672	1.26	1.00	1.02	1.00	1.05	7.12	7.00	8.17	.....	12.97	11.50
11656	2.39	2.25	4.58	4.00	2.00	11.33	9.00	13.33	.....	25.08	22.68
11676	.....	.....	4.85	5.00	.27	12.04	12.00	12.31	13.00	14.53	14.80
11678	.....	.....	2.90	3.00	.47	12.43	12.00	12.90	.....	12.93	12.60
11646	.....	.....	3.40	3.00	.55	12.43	12.00	12.98	.....	13.45	12.60
11763	2.51	2.25	4.75	4.00	2.47	11.23	9.00	13.70	.....	25.76	22.68
11794	.....	.....	3.38	3.00	.35	12.33	12.00	12.68	.....	13.31	12.60
11822	2.14	2.00	3.03	3.00	2.12	8.36	8.00	10.48	.....	19.73	18.00
11848	.....	.....	1.82	2.00	1.25	10.09	10.00	11.34	.....	10.14	10.00
11830	.....	.....	.....	.....	1.65	14.05	14.00	15.70	.....	11.24	11.20
11850	.....	.....	5.37	5.00	.25	12.51	12.00	12.76	.....	15.43	14.60
11772	.....	.....	.....	.....	1.25	14.03	14.00	15.28	.....	11.22	11.20
11845	1.24	1.00	1.44	1.00	1.05	7.16	7.00	8.21	.....	13.36	11.50
11821	.....	.....	2.08	2.00	.90	11.37	10.00	12.27	.....	11.36	10.00
11798	.....	.....	5.12	5.00	.25	12.56	12.00	12.81	.....	15.22	14.60
11748	2.08	2.00	3.10	3.00	2.02	8.22	8.00	10.24	.....	19.41	18.00
11820	1.24	1.00	2.32	2.00	1.15	8.87	8.00	10.02	.....	15.99	13.50
11709	.....	.....	.....	.....	.97	14.93	14.00	15.90	.....	11.94	11.20
11653	1.18	1.00	2.24	2.00	.93	7.43	8.00	8.36	.....	14.17	13.50
11654	.....	.....	2.71	2.00	.55	10.57	10.00	11.12	.....	11.28	10.00
11749	3.15	3.00	.....	.....	.....	.....	.....	22.15	22.80	28.95	.....

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11652	A. A. C. Co., (Packer's Union.)	Universal Fertilizer	Baltimore
11760	A. A. C. Co., (Reese.)	Dissolved Phosphate of Lime.	Baltimore
11836	" " "	Special Crown Phosphate and Potash.	Massey
11819	" " "	Special Potash Mixture	Baltimore
11797	A. A. C. Co., (Susquehana)	Alkaline Bone Phosphate	Baltimore
11670	" " "	Ammoniated Bone Phosphate.	Baltimore
11856	" " "	Bone and Potash	Baltimore
11745	" " "	Crop Grower	Laurel
11791	" " "	Grain and Grass Producer	Baltimore
11840	" " "	H. G. Bone and Potash	Willoughby
11796	" " "	Pure Bone Phosphate	Baltimore
11795	" " "	Superior Rock Phosphate	Baltimore
11837	A. A. Co., (Tygert Allen)	Standard Bone Phosphate.	Chestertown
11710	A. A. C. Co., (Wheeler)	Bone and Potash	Charlton
11719	" " "	Royal Wheat Grower	Taneytown
11711	" " "	Wheat and Clover	Charlton
11683	A. A. C. Co., (Zell)	Ammoniated Bone Superphosphate.	Baltimore
11712	" " "	Dissolved Bone Phosphate.	Hancock
11726	" " "	Economizer Phosphate	Taneytown
11682	" " "	Electric Phosphate	Baltimore
11725	" " "	Little Giant	Taneytown
11743	" " "	Special Compound for Potatoes and Vegetables.	Laurel
11754	Armour Fertilizer Works, Baltimore, Md.	Acidulated Bone Meal	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11652	1.21	1.00	4.36	4.00	.95	8.09	8.00	9.04	.....	$17.07	$15.50
11760	.....	.....	.....	.....	1.35	14.49	14.00	15.84	.....	11.59	11.20
11836	.....	.....	2.05	2.00	2.02	12.18	12.00	14.20	13.00	12.19	11.80
11819	.....	.....	5.08	5.00	.10	12.47	12.00	12.57	.....	15.08	14.60
11797	.....	.....	2.02	2.00	.82	11.32	10.00	12.14	.....	11.24	10.00
11670	2.30	2.00	2.33	2.00	.82	8.21	8.00	9.03	.....	18.92	17.00
11856	.....	.....	5.67	5.00	.32	12.42	12.00	12.74	.....	15.67	14.60
11745	1.59	1.00	1.28	1.00	1.07	7.05	7.00	8.12	.....	14.33	11.50
11791	.....	.....	3.17	3.00	.47	12.16	12.00	12.63	.....	12.99	12.60
11840	.....	.....	5.12	5.00	.20	12.16	12.00	12.36	.....	14.89	14.60
11796	2.52	2.00	2.20	2.00	3.87	8.77	9.00	13.64	.....	22.35	18.00
11795	.....	.....	.....	.....	.65	14.74	14.00	15.39	.....	11.79	11.20
11837	2.14	2.00	2.16	2.00	1.20	8.12	8.00	9.32	.....	18.25	17.00
11710	.....	.....	2.88	3.00	.85	11.96	12.00	12.81	.....	12.62	12.60
11719	1.21	1.00	2.36	2.00	1.00	8.65	8.00	9.65	.....	15.65	13.50
11711	.....	.....	2.00	2.00	.90	10.28	10.00	11.18	.....	10.40	10.00
11683	1.71	2.00	2.19	2.00	1.45	8.55	8.00	10.00	.....	17.31	17.00
11712	.....	.....	.....	.....	2.50	13.82	14.00	16.32	.....	11.06	11.20
11726	1.23	1.00	2.11	2.00	1.02	8.09	8.00	9.11	.....	15.00	13.50
11682	.....	.....	2.01	2.00	.45	10.33	10.00	10.78	.....	10.36	10.00
11725	1.62	1.00	1.06	1.00	1.12	7.35	7.00	8.47	.....	14.53	11.50
11743	2.91	3.00	4.06	4.00	1.37	8.65	8.00	10.02	.....	23.45	22.50
11754	2.13	2.00	.....	.....	5.25	13.62	11.00	18.87	.....	23.17	18.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11853	Armour Fertilizer Works, Baltimore, Md.	All Soluble	Baltimore
11814	" " "	Ammoniated Bone	Garrison
11825	" " "	Ammoniated Bone with Potash.	Baltimore
11815	" " "	Bone and Dissolved Bone with Potash.	Buckeystown
11755	" " "	Bone Meal	Baltimore
11803	" " "	Covey's Standard Bone Phosphate.	Baltimore
11722	" " "	Dissolved Bone	Taneytown
11858	" " "	Fruit & Root Crop Special	Baltimore
11706	" " "	Grain Grower	Hagerstown
11720	" " "	Phosphate & Potash No. 1	Taneytown
11804	" " "	Phosphate & Potash No. 2	Baltimore
11631	" " "	Phosphoric Acid and Potash Fertilizer.	Mt. Airy (Jno. N. Clay)
11632	" " "	Raw Bone Meal Fertilizer	Mt. Airy (Jno. N. Clay)
11705	" " "	Royal Ammoniated Bone.	Hagerstown
11876	" " "	Royal Ammoniated Bone.	Federalsburg (B. F. Edgell)
11644	" " "	Royal Ammoniated Bone.	Greensboro (C. L. Jarrell)
11801	" " "	S. C. Rock and Potash Mixture.	Baltimore
11636	" " "	Special	Hambleton (H. H. Langsdale)
11693	" " "	Special Mixture	Woodsboro
11605	" " "	Special Mixture.	Easton (E. J. Gretzinger)
11824	" " "	Special Mixture for Wheat	Baltimore
11628	" " "	Special Wheat Formula	Mt. Airy (C. E. Albaugh)
11694	" " "	Star Phosphate	Woodsboro

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11853	3.54	3.50	4.36	4.00	1.42	8.95	8.00	10.37	.....	$26.27	$24.25
11814	1.24	1.00	5.03	4.00	.75	8.87	8.00	9.62	.....	18.54	15.50
11825	3.12	3.00	2.52	2.00	1.05	7.05	6.00	8.10	8.00	20.91	18.50
19815	2.35	2.00	2.20	3.00	3.32	11.03	9.00	14.37	18.00	22.80	19.00
11755	4.05	3.00	.....	.....	.....	.....	.....	25.86	24.00	35.15	.....
11803	.94	1.00	4.92	5.00	2.50	11.15	11.00	13.65	.....	20.46	19.50
11722	1.84	2.00	.....	.....	.80	12.68	10.00	13.48	.....	19.44	17.00
11858	2.13	2.00	5.70	5.00	1.17	12.42	8.00	13.59	.....	26.00	20.00
11706	2.25	2.00	2.23	2.00	.97	8.54	8.00	9.51	.....	19.04	17.00
11720	.....	.....	2.34	2.00	.35	10.42	10.00	10.77	.....	10.75	10.00
11804	.....	.....	5.62	5.00	.35	8.71	8.00	9.06	.....	12.66	11.40
11631	.....	.....	5.40	5.00	.40	10.50	10.00	10.90	.....	13.88	13.00
11632	4.96	4.25	.....	.....	.....	.....	.....	23.70	22.00	35.56	.....
11705	1.21	1.00	4.60	4.00	1.02	8.87	8.00	9.89	.....	18.12	15.50
11876	1.28	1.00	5.32	4.00	1.02	8.68	8.00	9.70	.....	18.89	15.50
11644	1.28	1.00	5.20	4.00	.97	6.92	8.00	7.89	.....	16.99	15.50
11801	.....	.....	3.52	3.00	.37	10.43	10.00	10.80	.....	11.93	11.00
11636	.....	.....	4.67	5.00	.47	11.30	12.00	11.77	.....	13.80	14.60
11693	.75	.50	1.30	1.00	.95	8.09	8.00	9.04	.....	10.59	9.15
11605	.....	.....	5.23	5.00	.25	13.13	12.00	13.38	.....	15.78	14.60
11824	1.36	1.00	3.38	3.00	.42	9.09	8.00	9.51	.....	17.40	14.50
11628	2.18	2.00	3.14	2.50	1.05	10.64	10.00	11.69	.....	21.83	19.50
11694	.....	.....	.....	.....	.35	14.28	14.00	14.63	.....	11.42	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11638	Armour Fertilizer Works, Baltimore, Md.	12 and 5	Greensboro (W. E. Orrell)
11790	" " "	Wheat, Corn and Oat Special.	Frederick
11721	" " "	Wheat Special	Taneytown
11805	" " "	H. & G. Acid Phosphate	Baltimore
11781	Baltimore Fertilizer Co., Baltimore, Md.	Homestead	Maple Grove
11738	" " "	King of the Harvest	Westminster
11737	" " "	Old Honesty	Westminster
11762	" " "	Revenue	Baltimore
11734	" " "	Soluble Bone and Potash	Westminster
11736	" " "	Standard Unexcelled	Westminster
11735	" " "	Success	Westminster
11699	Baltimore Pulverizing Co., Baltimore, Md.	Penniman's Special Guano No. 1.	Boyd's
11681	Baugh & Sons Co., Baltimore, Md.	Ammoniated Dissolved Animal Bone.	Baltimore
11627	" " "	Buyers Mixture	Hagerstown. (M. Wingert.)
11662	" " "	Double Eagle Phosphate	Baltimore
11666	" " "	Excelsior Super-Phosphate.	Baltimore
11698	" " "	Export Bone with Potash	Gaithersburg
11680	" " "	Fine Ground Bone	Baltimore
11724	" " "	Fish Mixture	Taneytown
11663	" " "	General Crop Grower	Baltimore
11665	" " "	Genuine Lobos Peruvian Guano.	Baltimore
11660	" " "	H. G. Acid Phosphate	Baltimore
11679	" " "	Peninsula Grain Producer.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11638	.....	.....	4.54	5.00	.37	12.44	12.00	12.81	.....	$14.56	$14.60
11790	1.23	1.00	1.16	1.00	1.07	9.12	7.00	10.19	.....	15.02	11.50
11721	1.52	1.00	2.18	2.00	.80	8.63	8.00	9.43	.....	16.45	13.50
11805	.....	.....	.....	.....	1.12	15.25	14.00	16.37	.....	12.20	11.20
11781	1.88	1.50	2.20	2.00	1.02	8.96	8.00	9.98	.....	18.15	15.25
11738	1.14	1.00	2.63	3.00	1.47	12.53	10.00	14.00	.....	19.74	16.50
11737	.73	.50	2.18	2.00	1.22	9.59	8.00	10.81	.....	12.65	10.15
11762	3.42	3.00	7.44	6.00	1.02	7.83	7.00	8.85	.....	27.55	23.50
11734	.....	.....	2.04	2.00	1.47	10.72	10.00	12.19	.....	10.91	10.00
11736	2.02	1.50	3.33	3.00	.90	10.84	10.00	11.74	.....	21.60	18.25
11735	1.42	1.00	5.24	5.00	.95	8.70	7.00	9.65	.....	19.29	15.50
11699	.87	1.00	1.20	1.00	1.67	8.87	8.00	10.54	.....	11.68	12.50
11681	2.46	2.00	.....	.....	3.25	9.03	8.00	12.28	11.00	18.94	16.20
11627	2.34	2.00	7.69	6.25	1.47	9.93	10.00	11.40	.....	26.40	23.25
11662	1.91	2.00	1.50	1.00	4.15	8.10	8.00	12.25	11.00	17.95	17.20
11666	1.26	1.00	4.38	4.00	2.52	8.17	8.00	10.69	11.00	17.97	16.70
11698	2.56	2.00	2.57	2.00	4.60	10.00	.....	14.60	23.00	23.38	.....
11680	3.75	3.00	.....	.....	.....	.....	.....	20.55	*40.00	26.77	.....
11724	1.96	2.00	3.72	2.00	1.77	12.47	8.00	14.24	.....	23.76	17.00
11663	1.24	1.00	2.19	1.00	1.65	8.45	8.00	10.10	.....	15.64	12.50
11665	3.36	4.00	4.03	4.00	4.20	14.54	11.00	18.74	20.00	32.01	32.60
11660	.....	.....	.....	.....	2.17	14.85	14.00	17.02	.....	11.88	11.20
11679	1.21	1.00	2.42	2.00	4.10	8.01	8.00	12.11	.....	16.31	13.50

*Bone Phosphate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of sampling (and Sampler, when not the College.)
11826	Baugh & Sons Co., Baltimore Md.	Pure Animal Bone and Muriate of Potash.	Baltimore
11661	" " "	Pure Dissolved Animal Bone.	Baltimore
11664	" " "	Raw Bone Meal	Baltimore
11668	" " "	Soluble Alkaline Super Phosphate.	Baltimore
11601	" " "	Special Mixture	New London (Dr. H. C. Jones)
11857	" " "	Standard Bone Phosphate	Baltimore
11684	" " "	Sulivans S. S. S.	Monrovia
11659	" " "	Wheat Fertilizer	Baltimore
11869	Beck, Walker & Brown, Chestertown Md.	Propagator	Worton
11866	" " "	Special Bone Mixture	Chestertown
11870	" " "	Try Me	Chestertown
11723	A. D. Birely & Son, Ladiesburg, Md.	Ammoniated Bone Phosphate.	Taneytown
11715	" " "	Ammoniated Bone & Potash.	Bruceville
11716	" " "	Plant Food	Taneytown
11714	" " "	Special Mixture	Double Pipe Creek
11759	" " "	Tennessee Phosphate	Baltimore
11780	J. H. Blocher, Alesia, Md.	Royal Bone and Potash	Alesia
11747	C. E. Bond, Spencervillle, Md.	Dissolved Rock	Spencerville
11746	" " "	Pure Raw Bone	Spencerville
11842	D. S. Brockway Greensboro, Md.	Farmers Delight No. 1	Goldsboro
11878	" " "	Special Mixture	Ridgely (J. M. Short)
11775	S. B. Brodbeck, Brodbeck, Pa.	Alkaline Phosphate	Union Mills
11761	Brumfield & Foster, Colora, Md.	B. F. Acid Phosphate and Potash.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11826	3.29	3.00	6.90	5.00	3.57	13.64	15.00	17.21	.....	$ 33.48	$30.50
11661	2.95	2.50	.....	.....	3.12	15.27	13.00	18.39	.....	26.85	21.75
11664	4.60	4.00	.....	.....	.....	.....	.....	20.66	21.00	31.37	.....
11668	.....	.....	2.02	2.00	2.30	9.73	10.00	12.03	.....	10.26	10.00
11601	2.68	2.50	5.06	3.50	3.30	12.27	11.50	15.57	.....	28.03	23.75
11857	1.34	1.00	5.34	5.00	2.22	9.55	11.00	11.77	13.00	20.47	20.30
11684	1.94	2.00	3.81	3.00	2.32	8.05	8.00	10.37	.....	19.58	18.00
11659	1.94	2.00	2.70	2.00	1.92	8.53	8.00	10.45	.....	18.79	17.00
11869	2.03	2.00	3.15	2.50	1.80	9.22	8.00	11.02	8.00	20.20	17.50
11866	1.01	1.00	2.73	2.00	1.75	10.15	8.00	11.90	8.00	17.11	13.50
11870	.....	.....	3.18	3.00	2.02	10.23	10.00	12.25	12.00	11.76	11.40
11723	.82	.50	.88	1.00	.62	8.79	8.00	9.41	.....	10.90	9.15
11715	1.36	1.00	2.02	2.00	1.05	10.04	9.00	11.09	.....	17.24	14.50
11716	2.10	2.00	2.92	2.50	1.57	10.49	10.00	12.06	.....	21.39	19.50
11714	.....	.....	2.63	2.00	.85	9.33	10.00	10.18	.....	10.26	10.00
11759	.....	.....	.....	.....	.32	14.94	14.00	15.26	.....	11.95	11.20
11780	.....	.....	1.78	1.00	.85	8.86	9.00	9.71	10.00	9.04	8.40
11747	.....	.....	.....	.....	2.85	15.51	14.00	18.36	.....	12.41	11.20
11746	4.69	4.75	.....	.....	.....	.....	.....	21.33	20.00	29.52	.....
11842	1.12	1.00	2.82	2.00	2.00	9.55	8.00	11.55	.....	17.09	13.50
11878	2.48	2.50	5.96	5.00	1.02	8.65	8.00	9.67	.....	23.70	21.75
11775	.....	.....	1.84	2.00	.90	11.11	10.00	12.01	.....	10.91	10.00
11761	.....	.....	1.92	2.00	.72	10.67	10.00	11.39	.....	10.60	10.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
11789	Continental Comm'l Company, Baltimore, Md.	Champion Alkaline Bone	Middletown
11786	" " "	H. G. Soluble Phosphate.	Walkersville
11808	" " "	Peerless Phosphate	Baltimore
11807	" " "	Pennsylvania Special Mixture.	Baltimore
11788	" " "	Potashed Bone	Walkersville
11877	" " "	Special Wheat and Grass.	Libertytown (Milton Carter).
11806	" " "	Special Wheat and Grass Phosphate.	Baltimore
11787	" " "	Standard Dissolved Bone.	Walkersville
11833	Josiah Cope & Co., Lincoln University, Pa.	Ammo. Bone Phosphate.	Glencoe
11834	" " "	Soluble Bone and Potash.	Glencoe
11835	" " "	Wheat and Grass Special.	Glencoe
11802	Wm. Davidson & Company, Baltimore, Md.	Acid Phosphate	Baltimore
11741	J. W. Dorsey, Ellicott City, Md.	Mixture "D"	Ellicott City
11818	Dudley & Carpenter, Baltimore, Md.	Dissolved S. C. Rock	Baltimore
11817	" " "	Special Wheat Mixture	Baltimore
11854	Edelen Bros., Baltimore, Md.	Special Wheat and Grain Mixture.	Baltimore
11868	T. W. Eliason, Chestertown, Md.	No. 1. Ammo'ed Super Phos. of Lime & Potash	Chestertown
11838	" " "	Our Special Diss. Alkaline Phos. and Potash.	Chestertown
11718	Englar Bros. & Co., Linwood, Md.	No. 1. Ammoniated Bone Phosphate.	Linwood
11717	" " "	No. 2. Ammoniated Bone Phosphate.	Linwood
11777	D. Englar, Jr., Medford, Md.	No. 3. Bone Phosphate	Medford
11832	Eureka Fertz. Co., Perryville, Md.	Grain and Grass Mixture	Perryman
11827	W. S. Farmer & Co., Baltimore, Md.	B. & P. Phosphate	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11789	.....	.....	2.51	3.00	.72	11.90	12.00	12.62	.....	$12.17	$13.00
11786	.....	.....	.....	.....	.90	15.93	14.00	16.83	.....	12.74	11.20
11808	1.14	1.00	2.64	1.50	1.75	8.74	8.00	10.49	.....	16.07	13.80
11807	1.63	2.00	4.86	5.00	1.80	8.06	7.00	9.86	.....	19.35	19.60
11788	.....	.....	2.46	2.00	.87	9.54	10.00	10.41	.....	10.26	10.00
11877	2.08	2.00	3.15	2.00	1.52	10.04	8.00	11.56	.....	21.08	17.00
11806	1.67	2.00	2.04	2.00	.80	9.79	8.50	10.59	.....	17.99	18.50
11787	.75	1.00	2.84	2.00	.72	11.27	10.00	11.99	11.75	14.63	15.80
11833	1.17	1.00	3.02	3.00	.50	10.01	10.00	10.51	.....	17.32	17.30
11834	.....	.....	2.01	2.00	.47	10.47	10.00	10.94	.....	10.44	10.00
11835	1.20	1.00	1.24	1.00	1.35	8.03	8.00	9.38	.....	14.01	12.90
11802	.....	.....	.....	.....	.82	14.75	14.00	15.57	16.00	11.80	11.20
11741	2.21	2.25	3.90	4.00	2.07	9.81	9.00	11.88	.....	22.28	20.88
11818	.....	.....	.....	.....	1.27	14.47	14.00	15.74	.....	11.58	11.20
11817	.....	.....	3.28	3.00	.40	12.36	12.00	12.76	.....	13.25	12.60
11854	1.28	1.00	1.96	2.00	.90	10.60	9.00	11.50	.....	17.40	14.50
11868	1.81	1.50	1.70	1.00	.70	12.43	9.00	13.13	.....	20.74	16.25
11838	.....	.....	1.84	1.50	.70	13.67	11.00	14.37	.....	12.92	10.70
11718	2.06	2.25	1.31	1.80	1.82	12.69	11.25	14.51	.....	21.94	20.94
11717	1.23	1.75	2.32	2.00	1.57	11.37	11.00	12.94	.....	18.63	19.13
11777	1.59	1.25	2.24	2.00	2.37	10.15	9.50	12.52	11.00	18.91	16.48
11832	1.23	1.00	1.76	2.00	1.35	10.20	8.00	11.55	10.00	16.81	13.50
11827	.....	.....	1.80	2.00	1.62	10.14	10.00	11.76	.....	10.56	10.00

No.	Name and address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
11829	W. S. Farmer & Co., Baltimore, Md.	Clyde Brand	Baltimore
11831	" " "	Dis. S. C. Bone	Baltimore
11851	" " "	Harvest Queen Phos	Baltimore
11847	Farmers & Planters' Co., Salisbury, Md.	Fish Mixture	Salisbury
11846	" " "	General Crop Grower	Salisbury
11642	" " "	Planters' Crop Grower	Williamsburg (E. M. Todd).
11864	" " "	S. C. Rock	Berlin
11765	Farmers' Fertilizer Company, Westminster, Md.	Acid Phosphate	Baltimore
11768	" " "	Acid Phosphate	Baltimore
11731	" " "	Carroll Bone Phosphate	Westminster
11730	" " "	No. 1. Bone Phosphate	Westminster
11729	" " "	No. 2. Bone Phosphate	Westminster
11727	" " "	No. 3. Bone Phosphate	Westminster
11732	" " "	P. A. & P. Phosphate	Westminster
11728	" " "	XX Bone Phosphate	Westminster
11816	Frederick Co., Farmers' Ex. Frederick, Md.	Ammd. Bone Phosphate	Araby
11785	" " "	Fish and Bone Mixture	Frederick
11782	" " "	S. C. Rock	Frederick
11784	" " "	S. C. Rock and Pot. Mix	Frederick
11809	J. W. Freeman, Great Mills, Md.	Freeman's Crop Grower	Baltimore
11852	T. H. Gill, Avalon, Md.	Try me Fertilizer	Baltimore
11733	N. I. Gorsuch & Son, Westminster, Md.	Westminster Raw Bone Phosphate.	Westminster
11691	Griffith & Boyd, Baltimore, Md.	Acid Phosphate	Walkersville

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranfeed.		
11829	1.33	1.00	2.36	2.00	.95	8.37	8.00	9.32	.....	$15.76	$13.50
11831	.....	.....	.....	.....	.90	14.05	14.00	14.95	.....	11.24	11.20
11851	1.54	1.25	3.14	2.00	.70	9.02	9.00	9.72	.....	17.83	15.38
11847	1.79	3.00	2.44	2.00	2.17	10.00	7.00	12.17	.....	19.57	19.50
11846	1.21	1.00	1.73	2.00	1.70	11.75	10.00	13.45	.....	18.39	15.50
11642	1.15	1.00	1.70	2.00	1.57	11.99	10.00	13.56	.....	18.35	16.10
11864	.....	.....	.....	.....	1.55	14.94	14.00	16.49	.....	11.97	11.20
11765	.....	.....	.....	.....	1.27	14.98	14.00	16.25	16.00	11.98	11.20
11768	.....	.....	.....	.....	2.05	13.81	14.00	16.76	16.00	11.05	11.20
11731	.78	.50	1.88	2.00	.60	7.87	7.00	8.47	8.00	11.03	9.55
11730	2.34	2.50	2.62	2.50	.62	9.57	9.00	10.19	11.00	20.63	21.05
11729	2.37	2.00	2.67	2.50	.65	9.14	9.00	9.79	10.00	20.37	18.90
11727	1.65	1.50	2.90	3.00	.82	9.67	8.00	10.49	9.00	18.68	16.65
11732	.....	.....	3.54	3.00	.30	10.83	11.00	11.13	.....	12.26	11.80
11728	1.13	1.00	2.96	3.00	.32	10.17	9.00	10.49	10.00	17.22	15.90
11816	1.11	1.00	2.02	2.00	2.70	10.08	10.00	12.78	.....	17.06	15.50
11785	1.76	2.00	2.04	2.00	2.87	10.15	10.00	13.02	.....	19.50	19.00
11782	.....	.....	.....	.....	.45	14.24	14.00	14.69	.....	11.39	11.20
11784	.....	.....	3.60	3.00	.42	10.81	10.00	11.23	.....	12.33	11.00
11809	1.19	1.00	1.14	1.00	1.75	8.78	8.00	10.53	.....	14.78	13.12
11852	2.45	2.00	2.40	2.00	1.02	11.50	9.00	12.52	.....	22.88	18.00
11733	1.62	1.40	2.15	2.25	1.80	7.37	7.00	9.17	8.00	15.97	14.55
11691	.....	.....	.....	.....	.32	14.01	14.00	14.33	15.00	11.21	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.)
11692	Griffith & Boyd. Baltimore, Md.	Ammoniated Bone.....	Walkersville.....
11702	" " "	Ammd. Soluble Bone.....	Hagerstown.....
11701	" " "	Bone and Potash Mixture.	Hagerstown.....
11859	" " "	Buyers Mixture.....	Baltimore.....
11863	" " "	Cereal Bone Phosphate ..	Snow Hill.....
11769	" " "	Cereal Bone Plant Food..	Baltimore.....
11690	" " "	Fish Bone and Potash....	Walkersville.....
11689	" " "	Harvest Queen.....	Walkersville.....
11645	" " "	Harvest Queen.....	Greensboro..... C. L. Jarrell).
11771	" " "	Original Super Phosphate	Baltimore.....
11867	" " "	Peerless.....	Chestertown.....
11704	" " "	Peerless Fertilizer.....	Hagerstown.....
11740	" " "	Pure Fine Ground Bone Meal.	Ellicott City.....
11770	" " "	Royal Potash Guano.....	Baltimore.....
11700	" " "	Soft Ground Bone.....	Hagerstown.....
11629	" " "	Special Alkaline.....	Cecilton..... (L. W. Davis).
11885	" " "	Spec. Alkaline Bone Mix.	St. Inigoes..... J. T. Morris).
11739	" " "	Special Grain Grower....	Ellicott City.....
11758	" " "	Special Guano.....	Baltimore.....
11800	" " "	Spring Crop Grower.....	Baltimore.....
11703	" " "	Valley Fertilizer.....	Hagerstown.....
11776	" " "	XX Ammd. Phosphate...	Union Mills.....
11799	" " "	XX Potash Manure.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11692	2.01	2.00	2.46	2.00	1.22	8.05	8.00	9.27	9.00	$18.04	$17.40
11702	1.11	1.00	2.53	2.00	1.25	7.00	7.00	8.25	8.00	13.92	12.90
11701	.....	.....	2.32	2.00	.55	11.38	11.00	11.93	.....	11.53	10.80
11859	.....	.....	4.85	5.00	.77	12.20	12.00	12.97	.....	14.76	14.60
11863	1.01	1.00	2.44	2.00	2.25	8.53	8.00	10.78	9.00	15.40	14.30
11769	1.96	1.00	3.12	2.00	.87	8.70	8.00	9.57	.....	19.03	13.50
11690	1.71	1.75	2.72	3.00	1.32	7.52	7.00	8.84	.....	16.76	16.53
11689	1.28	1.50	2.51	2.50	1.92	9.88	10.00	11.80	11.00	17.65	18.35
11645	1.60	1.50	2.39	2.50	1.02	10.30	10.00	11.32	.....	18.70	17.75
11771	.....	.....	.....	.....	.72	13.99	12.00	14.71	15.00	11.19	9.60
11867	.58	.35	3.22	2.00	1.70	8.62	8.00	10.32	9.00	12.49	9.83
11704	.53	.35	1.82	2.00	1.57	8.53	8.00	10.10	9.00	10.81	9.83
11740	4.09	4.00	.....	.....	.....	.....	.....	16.51	21.50	25.33	.....
11770	1.47	1.00	4.66	4.00	1.27	9.24	8.00	10.51	.....	19.56	15.50
11700	3.39	3.00	.....	.....	.....	.....	.....	8.56	11.50	16.54	.....
11629	.....	.....	3.16	3.00	.80	13.30	12.00	14.10	13.00	13.96	12.80
11885	.....	.....	2.85	3.00	.85	10.98	12.00	11.83	13.00	11.97	12.80
11739	.....	.....	2.48	2.00	1.12	10.08	10.00	11.20	11.00	10.76	10.20
11758	2.13	2.25	4.06	5.00	1.62	9.96	9.00	11.58	10.00	22.12	22.28
11800	1.88	2.00	4.34	4.50	1.30	8.24	6.50	9.54	8.00	19.68	18.40
11703	.77	.50	2.84	3.00	1.12	7.43	8.00	8.55	9.00	11.70	11.35
11776	1.47	1.00	2.68	3.00	1.27	9.54	9.00	10.81	.....	17.87	15.50
11799	.....	.....	4.16	5.00	1.32	11.44	10.00	12.76	11.00	13.57	13.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
11812	Griffith and Turner Co., Baltimore, Md.	Ammoniated Butchers' Bone.	Reisterstown
11757	" " "	Animal Bone Phosphate	Baltimore
11753	" " "	Soft Ground Bone Meal	Baltimore
11813	" " "	Special Mixture	Reisterstown
11972	Hanover Fertilizer Co., Baltimore, Md.	Blood and Bone Comp	Taneytown
11974	" " "	Dis. Raw Bone	Taneytown
11973	" " "	Farmer's Crop Winner	Taneytown
11903	Hanway, Barnes & McComas, Bel Air, Md.	Ground Bone	Baltimore
11901	" " "	H. & K. Dis. Bone	Baltimore
11904	" " "	H. & K. Special Mix	Baltimore
11902	" " "	H. & K. Standard High-Grade.	Baltimore
12024	S. M. Hess & Bro., Philadelphia, Pa.	Ammd. Bone Super Phos.	Union Mills
12026	" " "	Keystone Bone Phos	Union Mills
12027	" " "	Sol. Bone	Union Mills
12025	" " "	Sol. Bone and Pot	Union Mills
11999	Home Fertilizer Chemical Works, Baltimore, Md.	Acid Phos	Baltimore
12014	" " "	Boykin's Alkaline Bone	Baltimore
12021	" " "	Boykin's Cereal Wheat Fertilizer.	Baltimore
12020	" " "	Everybodies Fertilizer	Baltimore
11635	Hubbard Fertilizer Co., Baltimore, Md.	Alkaline	Vienna (E. Hoernicke).
12125	" " "	Alkaline	Vienna
11888	" " "	Alkaline	Cecilton. (J. A. Pierce).
11941	" " "	Birely's Ammd. Bone	Ladiesburg

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed,
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11812	1.17	1.50	2.02	1.50	1.15	8.91	9.00	10.06	10.00	$15.49	16.15
11757	2.32	2.50	1.89	1.50	2.85	10.72	10.00	13.57	11.00	21.87	20.65
11753	3.24	3.00	.....	.....	3.25	5.36	11.00	8.61	.....	18.00	21.50
11813	.63	.50	2.71	2.00	2.27	7.78	8.00	10.05	9.00	11.58	10.35
11972	1.02	1.00	2.02	2.00	2.00	9.18	8.00	11.18	9.00	15.57	13.90
11974	2.05	2.00	.....	.....	2.37	9.86	10.00	12.23	.....	17.99	17.00
11973	.53	.50	1.92	1.50	1.42	7.04	7.00	8.46	8.00	9.69	9.05
11903	3.22	3.00	.....	.....	.....	.....	.....	26.14	50.00	33.06	.....
11901	2.29	2.00	.....	.....	1.00	10.02	10.00	11.02	11.00	18.44	17.40
11904	1.19	2.00	2.33	3.00	1.00	9.36	8.00	10.36	.....	16.26	18.00
11902	2.02	2.00	3.22	3.00	1.32	8.36	8.00	9.68	9.00	19.18	18.40
12024	2.54	2.00	2.29	2.00	.67	8.61	8.00	9.28	.....	20.06	17.00
12026	1.17	1.00	1.52	1.00	.70	8.23	8.00	8.93	.....	14.13	12.50
12027	.....	.....	.....	.....	.62	14.84	11.00	15.46	12.00	11.87	8.80
12025	.....	.....	1.78	2.00	1.65	9.96	8.00	11.61	10.00	10.08	8.80
11999	.....	.....	.....	.....	10.40	10.57	14.00	20.97	.....	8.46	11.20
12014	.....	.....	2.02	2.00	.92	10.23	10.00	11.15	.....	10.30	10.00
12021	2.05	2.00	2.14	2.00	1.55	9.50	8.00	11.05	.....	19.44	17.40
12020	1.20	1.00	2.07	1.00	1.30	9.91	9.00	11.21	.....	16.70	13.50
11635	.....	.....	4.60	5.00	1.65	10.65	12.00	12.30	.....	13.45	14.60
12125	.....	.....	4.68	5.00	1.62	10.20	12.00	11.82	.....	13.16	14.60
11888	.....	.....	4.83	3.00	.45	11.26	12.00	11.71	.....	13.93	12.60
11941	.85	.50	1.16	1.00	.65	8.71	8.00	9.36	.....	11.24	9.15

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
11942	Hubbard Fertilizer Company, Baltimore, Md.	Birely's Dis. Animal Bone and Potash.	Ladiesburg
11940	" " "	Birely's Plant Food	Ladiesburg
11943	" " "	Birely's Special Mix	Ladiesburg
12153	" " "	Climax Bone Super Phos.	Secretary
12034	" " "	Columbia Gem Phos.	Hampstead
12119	" " "	Farmer's I. X. L. Super Phosphate.	Goldsboro
12032	" " "	H. G. Tennessee Phos	Lineboro
12050	" " "	H. G. Sol. Tennessee Phos	Baltimore
12019	" " "	Maryland Alkaline Phos.	Baltimore
12018	" " "	Md. Plow Brand	Baltimore
12017	" " "	Md. Sol. Bone Phos	Baltimore
12002	" " "	Oriental Phos	Baltimore
12048	" " "	Royal Ensign	Baltimore
12030	" " "	Sol. Bone and Pot	Lineboro
12047	" " "	Stand. Bone Super Phos.	Baltimore
12049	" " "	Warranted Pure Raw Bone.	Baltimore
12029	" " "	Wheat Growers' Jewel	Lineboro
11887	" " "	Wheat Growers' Jewel	Cecilton. (J. A. Pierce).
12010	M. P. Hubbard & Co., Baltimore, Md.	Celebrated Dis. Bone Phos	Baltimore
12011	" " "	Harvest King	Baltimore
12084	" " "	H. G. S. C. Phosphate.	Baltimore
12062	" " "	Old Economy Phos.	Baltimore
12009	" " "	Sol. Bone and Pot. Phos.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH. K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11942	1.45	1.00	2.30	2.00	1.02	9.11	9.00	10.13	.....	$16.90	$14.50
11940	2.04	2.00	2.60	2.50	1.42	10.77	10.00	12.19	.....	21.08	19.50
11943	.....	.....	2.12	2.00	.60	10.02	10.00	10.62	.....	10.38	10.00
12153	1.81	1.00	4.94	4.00	.98	9.34	7.00	10.32	.....	21.01	14.50
12034	.78	.50	1.41	1.00	1.55	8.12	8.00	9.67	.....	10.95	9.15
12119	2.39	2.00	2.08	2.00	1.20	8.03	8.00	9.23	.....	18.96	17.00
12032	.....	.....	.....	.....	.32	14.63	14.00	14.95	.....	11.70	11.20
12050	.....	.....	.....	.....	.40	14.37	14.00	14.77	.....	11.50	11.20
12019	.....	.....	2.11	2.00	.80	10.30	10.00	11.10	.....	10.67	10.40
12018	1.62	1.00	2.36	2.00	1.27	7.85	8.00	9.12	.....	16.37	13.90
12017	.....	.....	.....	.....	2.27	14.86	14.00	17.13	.....	11.89	11.20
12002	1.62	1.00	1.24	1.00	2.37	8.75	8.00	11.12	.....	16.61	12.50
12048	3.39	3.00	4.84	4.00	1.22	7.73	8.00	8.95	.....	24.93	22.50
12030	.....	.....	2.07	2.00	.77	10.39	10.00	11.16	.....	10.53	10.00
12047	2.08	2.00	3.44	3.00	1.80	7.24	8.00	9.04	.....	18.68	18.00
12049	3.50	3.50	.....	.....	.....	.....	.....	13.80	45.00	22.13	.....
12029	1.89	1.50	2.23	2.00	1.50	8.60	8.00	10.10	.....	18.05	15.25
11887	1.46	1.50	1.54	2.00	1.62	8.17	9.00	9.79	.....	15.47	16.25
12010	2.07	2.00	2.03	2.00	2.27	9.87	9.00	12.14	.....	20.05	18.00
12011	1.27	1.00	2.31	3.00	2.47	10.75	10.00	13.22	.....	18.50	17.10
12084	.....	.....	.....	.....	1.12	15.13	14.00	16.25	.....	12.10	11.20
12062	.60	.50	2.56	1.50	1.22	8.41	8.00	9.63	.....	11.63	10.05
12009	.....	.....	2.38	2.00	.75	9.68	10.00	10.43	.....	10.27	10.40

No.	Name and Address of Manufacturer.	Name of Fertilizer	Place of Sampling (and Sampler when not the College.)
12118	Wilbur W. Hubbard, Chestertown, Md.	Imperial Compound Phosphate	Barclay
12054	" " "	Our Peerless Fertilizer	Baltimore
12051	" " "	Special Mixture	Baltimore
12152	" " "	Victor Phosphate	Lambson
12146	" " "	Victor Phosphate	Chestertown
11996	" " "	Victor Phosphate	Baltimore
12142	S. L. Lambert Co., Baltimore, Md.	H. G. Acid Phosphate	Baltimore
12092	Lister's Agrl. Chemical Works, Newark, N. J.	Alkaline Bone	Baltimore
12147	" " "	Celebrated Ground Bone	Middle River
12059	" " "	"G" Brand Fertilizer	Baltimore
11913	" " "	Harvest Queen Phosphate	Baltimore
11983	" " "	Pure Bone Super-Phosphate of Lime	Savage
11982	" " "	Pure Raw Bone Meal	Savage
12068	" " "	Special Corn and Potato	Middle River
11935	" " "	Special Crop Producer	Mt. Airy
11950	" " "	Standard Pure Bone Super-Phosphate	Gaithersburg
12067	" " "	Success	Middle River
11958	Jos. Lister, Chicago, Ill.	Pure Bone Meal	Chewsville
12005	D. B. Martin Co., Philadelphia, Pa.	Abattoir Products Ground Raw Bone	Baltimore
11939	" " "	Acid Phosphate	Walkersville
12100	" " "	Claremont Dissolved Bone and Potash	Aberdeen
11938	" " "	Complete Dissolved Organic Compound	Walkersville
12072	" " "	Complete Vegetable Manure	White Marsh

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12118	1.81	1.50	2.10	2.00	2.27	9.33	9.00	11.60	.....	$18.78	$16.25
12054	2.17	2.00	4.53	4.00	.87	9.23	7.00	10.10	.....	21.71	18.00
12051	1.53	1.75	4.81	4.00	1.50	10.27	8.00	11.77	.....	21.04	18.13
12152	1.15	1.00	1.53	1.00	3.08	7.93	8.00	11.01	.....	14.72	12.50
12146	.87	1.00	1.70	2.00	3.20	8.43	8.00	11.63	.....	12.13	13.50
11996	1.21	1.00	2.94	3.00	2.92	8.69	8.00	11.61	.....	17.04	14.50
12142	.....	.....	.....	.....	1.52	14.25	14.00	15.77	15.00	11.40	11.20
12092	.....	.....	2.02	2.00	.77	10.79	10.00	11.56	.....	10.80	10.00
12147	2.75	3.25	.....	.....	.....	.....	.....	16.20	12.00	20.06	.....
12059	1.15	1.00	4.22	4.00	1.12	8.03	8.00	9.15	.....	16.73	15.50
11913	1.91	1.50	2.40	2.00	2.00	10.43	9.00	12.43	.....	20.32	16.25
11983	3.44	3.00	2.35	2.00	2.67	11.24	9.00	13.91	.....	26.70	21.50
11982	4.10	3.25	.....	.....	.....	.....	.....	26.30	23.00	32.79	.....
12068	2.11	2.00	3.46	3.00	1.37	8.61	8.00	9.98	.....	20.00	18.00
11935	1.09	1.00	1.05	1.00	.77	8.03	7.00	8.80	.....	13.21	11.50
11950	3.50	3.00	2.28	2.00	2.85	9.85	9.00	12.70	.....	25.52	21.50
12067	1.68	1.50	2.22	2.00	.70	9.49	9.00	10.19	.....	17.87	16.25
11958	3.07	4.68	.....	.....	.....	.....	.....	25.25	25.60	31.18	.....
12005	5.20	4.00	.....	.....	.....	.....	.....	23.16	21.00	30.39	.....
11939	.....	.....	.....	.....	.52	14.43	14.00	14.95	.....	11.54	11.20
12100	2.39	3.00	4.90	5.00	3.62	7.15	7.00	10.77	13.00	21.87	22.50
11938	1.27	1.25	1.88	2.00	3.37	9.41	9.00	12.78	16.00	17.08	15.38
12072	2.40	2.00	5.67	5.00	2.97	9.07	7.00	12.04	13.00	24.33	19.00

No	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.
12101	D. B. Martin Co., Philadelphia, Pa.	Corn and Oat Special	Aberdeen .....
12006	" " "	Crop Producer	Baltimore .....
12120	" " "	Extra Animal Bone and Potash.	Hillsboro. .....
12008	" " "	Ground Bone.....	Baltimore .....
12007	" " "	Potato Manure	Baltimore .....
11970	" " "	Pure Dis. Animal Bone ..	Taneytown .....
12137	" " "	Special Dis. Bone and Potash.	Elkton .....
12127	" " "	Special Dis. Bone and Pot. Compound.	Leslie.....
12052	" " "	Sure Grower.....	Baltimore .....
12036	F. Mehring, Bruceville, Md.	Acid Phosphate.....	Bruceville.....
11959	" " "	Dis. Raw Bone	Winsport Sta.....
12037	" " "	Emmerts' Half and Half.	Bruceville. .....
11936	" " "	General Crop Grower....	Walkersville.....
12035	" " "	Pot. and Phosphoric Acid.	Bruceville. .....
11937	" " "	Twenty-six Dollar Phos..	Walkersville.....
12015	Miller Fertilizer Co., Baltimore, Md.	Ammd. Dis, Bone.....	Baltimore .....
12110	" " "	Bone Meal	Bel Air.....
11986	" " "	Clinch Rock and Pot	Ellicott City .....
11987	" " "	Dis. Raw Bone	Ellicott City.....
12022	" " "	Freeman's Crop Grower.	Baltimore .....
11985	" " "	Ground Bone	Ellicott City.....
12111	" " "	Ground Fish	Forest Hill.....
11900	" " "	Harvest Queen Phos.....	Baltimore .....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12101	1.86	2.00	3.10	2.00	3.10	8.60	8.00	11.74	16.00	$19.45	$17.00
12006	1.44	1.25	.....	.....	2.92	11.85	10.00	14.77	17.00	18.06	14.38
12120	2.22	2.00	1.32	2.50	10.10	11.83	16.00	21.93	.....	24.96	25.50
12008	3.00	2.00	.....	.....	.....	.....	.....	23.32	50.00	29.84	.....
12007	2.42	2.00	7.92	10.00	2.67	7.89	7.00	10.56	14.00	25.35	24.00
11970	2.50	2.00	.....	.....	2.72	13.12	12.00	15.84	.....	22.96	19.00
12137	1.45	2.00	2.43	2.00	2.52	8.72	8.00	11.24	16.00	17.24	17.00
12127	1.47	2.00	2.08	2.00	2.92	8.47	8.00	11.39	16.00	16.87	17.00
12052	1.20	1.00	1.26	1.00	3.57	9.11	8.00	12.68	16.00	16.00	12.50
12036	.....	.....	.....	.....	2.40	16.52	15.00	18.92	16.00	13.22	12.00
11959	2.51	2.00	.....	.....	.65	14.74	14.00	15.39	.....	23.79	21.40
12037	1.15	1.00	.....	.....	2.00	16.04	14.00	18.04	15.00	20.87	17.50
11936	1.19	.75	1.27	1.00	3.72	11.96	11.00	15.68	.....	15.75	12.63
12035	.....	.....	2.02	2.00	1.67	13.80	12.00	15.47	.....	13.39	11.60
11937	1.57	1.50	1.07	1.00	3.75	13.03	12.00	16.78	.....	21.10	18.65
12015	1.89	2.00	2.10	2.00	1.72	8.23	8.00	9.95	.....	17.64	17.00
12110	4.35	4.50	.....	.....	.....	.....	.....	21.80	47.00	32.98	.....
11986	.....	.....	1.55	2.00	2.37	10.98	10.00	13.35	.....	10.80	10.20
11987	2.76	2.50	.....	.....	2.85	12.73	12.00	15.58	14.00	23.53	21.55
12022	2.13	1.00	1.10	1.00	1.40	9.21	8.00	10.61	.....	18.33	12.50
11985	3.30	3.00	.....	.....	.....	.....	.....	21.10	14.00	29.12	.....
12111	10.02	10.00	.....	.....	.....	.....	.....	7.30	.....	34.45	.....
11900	1.30	1.25	3.35	2.75	.45	9.22	9.00	9.67	.....	17.50	16.73

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler, when not the College.
11906	Miller Fertilizer Company, Baltimore, Md.	Hustler Phosphate	Baltimore
12053	" " "	S. C. Rock	Baltimore
11994	" " "	Standard Phosphate	Baltimore
11618	" " "	Standard Phosphate	Butler (P. K. Fowble.)
12031	" " "	W. G. Phosphate	Lineboro
12064	" " "	Woolridges & Anderson's F'ltless Am. Bone Phos	Baltimore
12138	" " "	Woolridges & Anderson's Old Hickory Phos.	Baltimore
12085	Nassau Fertilizer Company, Baltimore, Md.	Grass and Grain Fertilizer	Baltimore
12095	" " "	Potash and Phosphate	Baltimore
12001	" " "	Sol. Bone Phosphate	Baltimore
12121	Newport Fertilizer Company, Philadelphia, Pa.	Special Compound	Hillsboro
11967	G. Ober & Sons Company, Baltimore, Md.	Dis. Animal Bone	New Windsor
11883	" " "	Dis. Bone and Potash	Longwoods (H. M. Ziegler).
11968	" " "	Dis. Bone Phosphate	New Windsor
12066	" " "	Dis. Bone Phos. and Pot.	Baltimore
12116	" " "	Dis. Bone Phos. and Pot.	Crumpton
11914	" " "	Farmers Mixture	Baltimore
11989	" " "	Farmers Standard Am'd Phosphate	Laurel
12061	" " "	Farmers Standard Am'd Phosphate	Baltimre
12083	" " "	Fish and Potash Fertz	Baltimore
12070	" " "	Fish Bone and Potash	White Marsh
12091	" " "	Geo F Thawley's Spec Wheat Formula No 1	Baltimore
11969	" " "	Independent Am'd Super Phosphate	New Windsor

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11906	1.21	1.00	1.22	1.00	1.17	8.56	8.00	9.73	.....	$14.48	$13.10
12053	.....	.....	.....	.....	1.87	14.60	14.00	16.47	.....	11.68	11.20
11994	3.02	3.00	3.41	3.00	1.70	8.54	8.00	10.24	.....	23.20	22.10
11618	3.14	3.00	3.42	3.00	.87	7.41	8.00	8.28	.....	22.17	22.10
12031	.73	.50	1.33	1.00	1.45	7.29	7.00	8.74	.....	10.01	8.65
12064	2.22	2.00	2.34	2.00	.82	8.54	8.00	9.36	.....	19.00	17.80
12138	1.16	1.00	2.14	2.00	1.00	9.86	9.00	10.86	.....	16.46	15.00
12085	.....	.....	2.58	2.00	.80	10.54	10.00	11.34	.....	11.17	10.00
12095	.....	.....	5.25	5.00	.52	11.01	10.00	11.53	.....	14.16	13.00
12001	.....	.....	.....	.....	.58	15.48	14.00	16.06	.....	12.38	11.20
12121	.87	1.25	4.02	2.00	2.20	8.67	10.00	10.87	.....	14.45	16.38
11967	3.70	3.00	.....	.....	1.57	15.29	10.00	16.86	.....	28.87	20.50
11883	.00	.96	4.00	5.00	1.30	15.35	12.00	16.65	.....	16.54	17.96
11968	.....	.....	.....	.....	.57	16.15	14.00	16.72	.....	12.92	11.20
12066	.....	.....	2.62	2.00	1.72	13.73	11.00	15.45	.....	13.94	10.80
12116	.....	.....	1.60	2.00	.75	14.80	12.00	15.55	.....	13.59	11.60
11914	1.36	1.00	2.19	2.00	1.35	10.47	9.00	11.82	.....	17.96	14.50
11989	2.01	2.00	2.10	2.00	1.45	10.96	9.00	12.41	.....	20.68	18.00
12161	2.08	2.00	2.31	2.00	1.40	10.72	9.00	12.12	.....	20.87	18.00
12083	2.66	2.00	3.19	2.00	1.15	9.06	9.00	10.21	.....	22.02	18.00
12070	2.97	3.00	5.41	3.00	.87	9.69	8.00	10.56	.....	25.85	21.50
12091	1.16	1.00	2.85	2.00	.65	9.24	9.00	9.89	.....	16.41	14.50
11969	1.26	1.00	1.80	1.00	1.50	8.42	8.00	9.92	.....	14.93	12.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12086	G. Ober & Sons Co., Baltimore, Md.	Our Special Sol. Alkaline Phos. and Potash.	Baltimore
12071	" " "	Princeton Complete Compound.	White Marsh
11980	" " "	Pure Bone Meal	Fallston
12143	" " "	Pure Raw Bone Meal	Baltimore
12069	" " "	Special Plant Food	White Marsh
11917	Patapsco Guano Co., Baltimore, Md.	Baltimore Sol. Phos	Baltimore
11920	" " "	Coon Brand Guano	Baltimore
11993	" " "	Dissolved Raw Bone	Baltimore
11919	" " "	Dissolved S. C. Bone	Baltimore
11990	" " "	Grass and Grain Producer	Baltimore
12090	" " "	H. G. Bone and Potash	Baltimore
11882	" " "	Peninsula Potash Mix	Longwood. (H. M. Ziegler.)
11905	" " "	Pure Ground Bone	Baltimore
11921	" " "	Sea Gull	Baltimore
11916	" " "	Sol. Bone and Potash	Baltimore
12073	" " "	Sol. Phosphate	Cockeysvillle
11918	" " "	Special Wheat Compound	Baltimore
12058	" " "	Woodall's Alkaline Bone.	Baltimore
11964	Pearre & Clemson, Union Bridge, Md.	Farmers Choice	Union Bridge
12023	" " "	No. 1. Bone Phosphate	Union Bridge
11963	" " "	Union Bridge Favorite	Union Bridge
12057	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Caroline Mixture	Baltimore
11637	" " "	Caroline Mixture	Greensboro (W. E. Orrell).

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12086	.....		2.51	1.00	2.10	14.12	11.00	16.22	.....	$14.23	$10.20
12071	2.15	2.00	4.34	4.00	.70	11.11	8.00	11.81	.....	23.26	19.80
11980	3.15	3.00	.....	.....	.....	.....	.....	27.50	22.00	33.99	.....
12143	4.43	4.00	.....	.....	.....	.....	.....	24.75	21.00	30.86	.....
12069	1.65	2.00	5.30	5.00	.45	11.15	9.00	11.60	.....	22.41	21.00
11917	.....		1.62	2.00	1.37	10.51	11.00	11.88	.....	10.30	10.80
11920	1.26	1.00	3.10	3.00	.60	9.07	9.00	9.67	.....	16.82	15.50
11993	2.66	2.50	.....	.....	1.93	12.92	12.00	14.85	.....	23.00	20.75
11919	.....		.....	.....	.85	14.59	14.00	15.44	.....	11.62	11.20
11990	1.28	1.00	4.05	4.00	1.05	10.51	8.00	11.56	.....	19.46	15.50
12090	.....		5.58	5.00	.60	11.77	11.00	12.37	.....	15.12	13.80
11882	.....		5.22	5.00	.30	12.41	12.00	12.71	.....	15.21	14.60
11905	4.44	4.00	.....	.....	.....	.....	.....	22.42	45.00	29.86	.....
11921	1.23	1.00	1.18	1.00	.85	8.56	8.00	9.41	.....	14.39	12.50
11916	.....		1.66	2.00	1.60	10.16	10.00	11.76	.....	10.11	10.00
12073	.....		2.32	2.00	.85	10.31	11.00	11.16	.....	10.74	10.80
11918	2.35	2.25	2.74	2.50	1.85	11.87	9.00	13.72	.....	23.58	19.38
12058	.....		3.10	3.00	.80	12.10	12.00	12.90	13.00	12.94	12.80
11964	1.19	1.00	2.17	1.75	2.27	9.76	9.00	12.03	.....	17.00	14.25
12023	2.20	1.50	3.04	1.75	2.30	10.40	8.50	12.70	9.50	22.06	15.90
11963	1.53	1.50	2.42	2.25	1.67	10.58	9.00	12.25	.....	19.03	16.50
12057	1.01	1.00	2.76	2.00	.65	8.19	8.00	8.84	9.00	14.75	13.90
11637	1.10	1.00	2.88	2.00	1.20	8.61	8.00	9.81	.....	15.82	13.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of sampling (and Sampler, when not the College.)
11931	Piedmont-Mt Airy Guano Co., Baltimore, Md.	Farmers H. G. Bone and Potash.	Mt. Airy
11933	" " "	H. G. S. C. Phosphate	Mt. Airy
12126	" " "	Insula Guano	Hurlock
12088	" " "	Insula Guano	Baltimore
12056	" " "	Levering's Amm'd Bone.	Baltimore
11647	" " "	Levering's Amm'd Bone.	Hurlock (Louis St. James).
12055	" " "	Levering's Excelsior	Baltimore
11992	" " "	Levering's Harvest Queen.	Baltimore
12078	" " "	Levering's I. X. L. Crop Grower.	Baltimore
12097	" " "	Levering's Standard	Baltimore
11930	" " "	Peerless Phosphate	Mt. Airy
11633	" " "	Peerless Phosphate	Brookville (D. S. Craver).
12080	" " "	Piedmont Perfection Guano.	Baltimore
12096	" " "	Piedmont Farmers Favorite.	Baltimore
12136	" " "	Piedmont Fish Guano	Snow Hill
11634	" " "	Piedmont H. G. S. C. Bone.	Brookville (D. S. Craver).
12149	" " "	Piedmont Wheat Comp.	Snow Hill
12000	" " "	Pure Raw Bone Mix	Baltimore
12089	" " "	Royal Amm'd Bone & Potash.	Baltimore
12079	" " "	Sol. Bone and Potash	Baltimore
12082	" " "	Special Potash Mix	Baltimore
11934	" " "	Special Wheat and Grass.	Mt. Airy
11606	" " "	Special Wheat and Grass.	Woodbine (Geo. A. Whorl).

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11931	.....	.....	2.14	2.00	1.12	10.04	10.00	11.16	.....	$10.39	$10.20
11933	.....	.....	.....	.....	.32	14.93	14.00	15.25	15.00	11.94	11.20
12126	.48	.37	1.44	1.00	.85	8.56	7.00	9.41	.....	10.14	7.90
12088	.60	.37	1.28	1.00	.82	9.31	7.00	10.13	.....	11.99	7.90
12056	1.07	1.00	3.18	3.00	.70	9.59	9.00	10.29	.....	16.80	15.50
11647	1.21	1.00	3.62	3.00	.80	9.71	9.00	10.51	.....	17.88	15.50
12055	1.18	1.00	1.11	1.00	.90	8.94	8.00	9.84	9.00	14.54	12.90
11992	1.01	1.00	2.16	2.00	.72	9.25	8.00	9.97	9.00	15.24	13.90
12078	.....	.....	2.83	3.00	.85	10.51	10.00	11.36	11.00	11.41	11.20
12097	1.72	2.00	3.84	3.00	.77	8.56	8.00	9.33	10.00	18.73	18.80
11930	1.18	1.00	1.68	1.50	.77	8.16	8.00	8.93	.....	14.28	13.40
11633	1.45	1.00	2.01	1.50	.62	8.88	8.00	9.50	.....	16.22	13.40
12080	2.05	2.00	4.42	5.00	1.05	9.17	8.00	10.22	9.00	21.19	20.40
12096	1.05	1.00	4.04	4.00	.85	9.13	8.00	9.98	.....	17.19	15.50
12136	2.13	2.00	2.14	2.00	.65	8.84	8.00	9.49	.....	18.70	17.00
11634	.....	.....	.....	.....	.57	14.73	14.00	15.30	15.00	11.78	11.20
12149	.....	.....	5.77	5.00	.80	11.16	12.00	11.96	13.00	14.86	14.80
12000	1.31	1.25	2.10	1.50	3.93	8.15	8.00	12.08	10.00	16.41	14.68
12089	1.31	1.30	3.81	3.00	1.05	7.29	6.00	8.34	7.00	16.11	13.95
12079	.....	.....	2.04	2.00	1.02	8.09	8.00	9.11	.....	8.71	8.40
12082	.....	.....	4.28	5.00	.45	10.70	10.00	11.15	11.00	12.93	13.20
11934	2.30	2.00	2.84	2.00	.47	8.19	8.50	8.66	.....	19.27	17.90
11606	2.13	2.00	2.51	2.00	.42	8.78	8.50	9.20	.....	18.92	17.90

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11626	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Special Wheat and Grass	Wheaton (A. Flack).
11932	" " "	Standard Dis. Bone Phos.	Mt Airy
12081	" " "	Wheat Compound	Baltimore
11621	G. F. Pearce, Milford, Del.	Simpson's No. 1. Raw Bone Super Phos.	Elkton
12105	Pollack Fertilizer Co., Baltimore, Md.	Amm'd Bone Phosphate	Fallston
12102	" " "	Dis. Animal Bone	Glencoe
11881	" " "	Ground Animal Bone	Churchville (B. H. Baones).
12041	" " "	Hammond's Amm'd Bone.	Walkersville
12039	" " "	Hammond's Old Liberty	Walkersville
12040	" " "	Special Wheat Grower	Walkersville
12042	" " "	Victor Bone Phos	Emmitsburg
12109	Pylesville Trading Company, Pylesville, Md.	Standard Crop Grower	Pylesville
11929	Ramsburg Fertilizer Company, Frederick, Md.	Alkaline Phosphate	Monrovia
11927	" " "	Ammoniated Bone	Monrovia
11928	" " "	Dis. Bone Super Phos	Monrovia
12148	" " "	Dis. Bone Super Phos	Baltimore
11926	" " "	Excelsior Plant Food	Monrovia
12044	" " "	Excelsior Half and Half	Frederick
11948	" " "	Old Virginia Compound	Woodsboro
12045	" " "	Queen	Middletown
11908	Rasin-Monumental Company, Baltimore, Md.	Acid Phosphate	Baltimore
12012	" " "	Arundel Complete	Baltimore
11945	" " "	Birely's Amm'd Bone	Woodsboro

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11626	1.77	2.00	2.36	2.00	.47	8.97	8.50	9.44	.....	$17.72	$17.90
11932	1.28	1.00	1.52	2.00	.65	11.82	10.00	12.47	11.50	18.08	16.10
12081	.....	.....	5.22	5.00	.30	9.59	12.00	9.89	13.00	12.95	14.80
11621	.37	1.00	2.15	1.00	.40	12.41	6.00	12.81	.....	10.50	14.18
12105	2.05	2.00	2.26	2.00	1.95	8.94	8.00	10.89	9.00	19.16	17.40
12102	2.59	2.00	.....	.....	2.85	11.04	12.00	13.89	.....	21.24	19.00
11881	3.50	4.00	.....	.....	.....	.....	.....	20.93	22.00	28.36	.....
12041	.67	.50	1.51	1.00	1.77	7.38	8.00	9.15	9.00	10.11	9.35
12039	1.03	1.00	2.02	2.00	1.80	8.30	9.00	10.10	10.00	14.65	14.90
12040	1.14	1.00	2.29	2.00	1.37	8.58	8.00	9.95	9.00	15.41	13.90
12042	.....	.....	1.57	1.00	1.72	9.27	9.00	10.99	10.00	9.33	8.40
12109	1.24	1.00	3.22	3.00	1.57	10.02	10.00	11.59	17.00	18.21	17.10
11929	.....	.....	2.56	2.00	1.40	10.05	10.00	11.45	12.00	10.88	10.40
11927	1.24	1.00	1.88	2.00	2.30	10.67	10.00	12.97	12.00	17.81	16.30
11928	.....	.....	.....	.....	2.01	13.86	14.00	15.87	16.00	11.09	11.20
12148	.....	.....	.....	.....	2.05	15.42	14.00	17.47	16.00	12.34	11.20
11926	2.26	2.00	1.66	2.00	1.02	11.34	9.00	12.36	.....	21.32	18.00
12044	1.12	1.00	.95	1.00	1.60	12.29	10.00	13.89	12.00	17.80	15.30
11948	1.92	1.50	1.85	2.00	1.37	10.83	9.00	12.20	.....	19.95	17.05
12045	.61	.50	1.52	1.00	2.32	9.71	8.00	12.03	.....	11.89	9.55
11908	.....	.....	.....	.....	.95	14.39	14.00	15.34	.....	11.51	11.20
12012	1.55	2.00	2.12	2.00	1.97	9.34	8.00	11.31	.....	17.68	17.00
11945	.84	.50	2.16	1.00	2.20	8.90	8.00	11.10	.....	12.66	9.15

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11947	Rasin-Monumental Company, Baltimore, Md	Birely's Dis. Animal Bone and Potash.	Woodsboro.
11946	" " "	Birely's Dis. Bone.	Woodsboro.
11622	" " "	Birely's Dis. Bone.	Johnsville. (Jesse Stoner)
11886	" " "	Birely's Dis. Bone.	York Road. (Edw. Shorb).
11944	" " "	Birely's Special Mixture.	Woodsboro.
11907	" " "	Bone & Potash Fertilizer.	Baltimore.
12145	" " "	Early Truckers Special.	Pocomoke City.
11951	" " "	Rasin's Dis. Bone.	Gaithersburg.
12033	" " "	Rasin's Empire Guano.	Hampstead.
11910	" " "	Rasin's I. X. L. Fertilizer	Baltimore.
11909	" " "	Sea Wall Special.	Baltimore.
11911	" " "	Special Bone and Potash Fertilizer.	Baltimore.
12144	" " "	Special Fish and Potash.	Pocomoke City.
12124	" " "	Wm. Penn Crop Grower.	Federalsburg.
12104	Henry Reckord Mfg. Co., Bel Air, Md.	Special Compound.	Bel Air.
11979	Chas. Schaeffer, Westminster, Md.	Big Gun Ammd. Dis. Bone Phosphate.	Westminster.
11978	" " "	H. G. Acid Phosphate.	Westminster.
11977	" " "	Leader.	Westminster.
11976	" " "	Governor Ammd. and Concentrated Phos.	Westminster.
11975	" " "	Super A.	Westminster.
12129	Scott Fertilizer Company, Elkton, Md.	Pure Bone Meal.	Childs.
12115	" " "	Pure Dis. Bone.	Chestertown.
12128	" " "	Pure Raw Bone Meal.	Childs.

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11947	1.19	1.00	2.16	2.00	1.52	10.22	10.00	11.74	.....	$17.16	$11.20
11946	.....	.....	.....	.....	.80	15.52	14.00	16.32	.....	12.42	11.20
11622	.....	.....	.....	.....	.72	14.48	14.00	15.20	.....	11.58	11.20
11886	.....	.....	.....	.....	.47	17.16	14.00	17.63	.....	13.73	11.20
11944	.....	.....	2.02	2.00	1.22	11.44	10.00	12.66	.....	11.66	10.00
11907	.....	.....	1.92	2.00	1.25	11.14	10.00	12.39	.....	11.08	10.20
12145	4.60	5.00	6.38	5.00	2.02	5.77	6.00	7.79	.....	29.06	28.50
11951	2.23	2.00	.....	.....	2.22	13.83	10.00	16.05	.....	22.53	17.00
12033	2.06	2.00	2.85	2.00	1.45	8.37	8.00	9.82	.....	19.01	17.00
11910	1.01	1.00	1.88	3.00	1.67	11.12	8.00	12.79	9.00	17.20	14.90
11909	.....	.....	.....	.....	1.02	13.03	10.00	14.05	10.00	10.42	8.00
11911	.....	.....	2.26	3.00	1.70	13.31	12.00	15.01	.....	13.25	12.80
12144	2.42	3.00	4.14	2.00	1.80	6.45	6.00	8.25	.....	19.78	18.50
12124	1.20	1.00	1.28	1.00	1.95	9.29	8.00	11.24	.....	15.55	12.50
12104	2.17	2.00	2.62	2.00	2.45	9.81	9.00	12.26	.....	21.01	18.00
11979	2.03	2.00	1.40	2.00	1.75	11.82	10.00	13.57	.....	21.03	19.00
11978	.....	.....	.....	.....	.30	15.49	14.00	15.79	.....	12.39	11.20
11977	1.11	1.00	1.94	1.50	1.60	9.21	8.00	10.81	.....	15.68	13.00
11976	1.56	1.50	2.57	2.50	.87	9.70	9.00	10.57	.....	18.08	16.75
11975	1.19	.75	1.48	1.00	1.87	8.45	8.00	10.32	.....	12.78	10.03
12129	2.68	3.00	.....	.....	.....	.....	.....	27.65	25.00	32.12	.....
12115	2.95	2.50	.....	.....	1.62	15.80	13.00	17.42	.....	26.78	21.75
12128	2.85	4.50	.....	.....	.....	.....	.....	22.45	21.00	27.17	.....

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
12094	Scott Fertilizer Company, Elkton, Md.	Sure Growth Super Phosphate.	Baltimore
12063	" " "	Tip Top and Potash	Baltimore
12114	" " "	Tip Top Soluble Bone	Chestertown
12130	" " "	12 & 5 Soluble Bone	Childs
12076	Smith, Rouse & Webster, Bel Air, Md.	Pure Dissolved Bone	Baltimore
12099	" " "	Special Formula No. 1	Belcamp
11915	Southern Fertilizer Company, York, Pa.	Ammd. Dissolved Bone	Baltimore
11603	" " "	Crop Grower	Garrett Park (Ford & Graham).
12013	" " "	Dissolved Bone Phos	Baltimore
11602	" " "	Farmers Choice Brand	Garrett Park (Ford & Graham).
12077	" " "	Farmers Mixture	Baltimore
11988	" " "	General Grop Grower	Laurel
12103	" " "	Pure Bone Meal	Forest Hill
12028	" " "	Royal Wheat and Grass Grower.	Melrose
11965	H. S. Stouffer, New Windsor, Md.	Soluble Wheat Grower	Linwood
11912	Wm. H. Street & Company, Fallston, Md.	Ammd. Dissolved Bone	Baltimore
12107	" " "	S. C. Rock	Fallston
12106	" " "	Special Crop Grower.	Fallston
11984	E. A. Talbott, Ellicott City, Md.	Grain and Grass Grower.	Ellicott City
11998	H. S. Taveau & Co., Baltimore, Md.	Dissolved S. C. Bone	Baltimore
12065	" " "	Raw Bone Meal	Baltimore
11997	" " "	Special Wheat Mixture	Baltimore
11962	I. P. Thomas & Sons Co., Philadelphia, Pa.	S. C. Phosphate	Hancock

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
12094	2.05	2.00	2.88	2.50	1.45	11.88	10.00	13.33	12.00	$ 22.52	$20.30
12063	.....	.....	2.30	2.00	1.37	9.86	10.00	11.23	.....	10.46	10.00
12114	.....	.....	.....	.....	.62	17.26	14.00	17.88	.....	13.81	11.20
12130	.....	.....	4.80	5.00	.65	15.61	12.00	16.26	.....	17.42	14.60
12076	2.68	2.50	.....	.....	2.82	12.68	12.00	15.50	.....	23.19	21.55
12099	2.13	2.00	2.48	2.00	1.22	9.93	9.00	11.15	.....	20.36	18.60
11915	2.08	2.00	2.70	2.50	.85	9.80	10.00	10.65	.....	20.12	19.50
11603	.82	.50	2.29	2.00	.75	8.21	8.00	8.96	.....	11.88	10.15
12013	.....	.....	.....	.....	.95	13.53	14.00	14.48	.....	10.82	11.20
11602	1.31	1.00	2.44	2.00	.82	9.51	9.00	10.33	.....	16.87	14.50
12077	.....	.....	2.02	2.00	.92	11.74	10.00	12.66	.....	11.59	10.00
11988	.80	.50	2.04	2.00	.97	8.04	8.00	9.01	.....	11.46	10.15
12103	3.02	3.00	.....	.....	.....	.....	.....	14.95	30.00	21.30	.....
12028	.74	.50	1.40	1.00	.74	8.02	8.00	8.76	.....	10.56	9.15
11965	.38	.50	3.10	2.50	.70	10.13	7.50	10.83	9.50	12.67	10.65
11912	1.72	1.50	2.08	2.00	.60	9.14	9.00	9.74	.....	17.48	16.85
12107	.....	.....	.....	.....	1.37	16.02	14.00	17.39	.....	12.82	11.20
12106	.83	1.00	1.46	1.00	1.67	6.93	8.00	8.60	.....	10.24	13.10
11984	2.49	2.00	3.21	2.00	1.52	9.20	9.00	10.72	10.00	21.74	18.40
11998	.....	.....	.....	.....	1.32	14.01	14.00	15.33	.....	11.21	11.20
12065	3.89	4.50	.....	.....	.....	.....	.....	21.80	45.00	29.64	.....
11997	.....	.....	2.56	2.50	.55	11.40	11.00	11.95	.....	11.79	11.50
11962	.....	.....	.....	.....	.80	15.26	14.00	16.06	16.00	12.21	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling (and Sampler when not the College.)
11954	D. A. Thomas, Hagerstown, Md.	Bone Mixture	Hagerstown
11955	" " "	Dissolved Bone	Hagerstown
11957	" " "	Dissolved Bone Phos	Hagerstown
11953	" " "	Farmers Mixture	Hagerstown
11956	" " "	Fine Raw Bone	Hagerstown
12135	W. B. Tilghman & Company, Salisbury, Md.	Bone and Tankage	Salisbury
12133	" " "	Fish, Bone and Potash	Salisbury
12134	" " "	Standard Fish Mixture	Salisbury
12132	E. S. Truitt & Co., Salisbury, Md.	Bone and Tankage	Salisbury
12131	" " "	XX Fish Mixture	Salisbury
12004	Turner & Son, Betterton, Md.	"B" Bone Phosphate	Baltimore
12074	Tuscarora Fertilizer Co., Baltimore, Md.	Acid Phosphate	Buckeystown
12140	" " "	Animal Bone	Baltimore
12113	" " "	Big Four	Kennedyville,
11922	" " "	Bone and Potash	Baltimore
11923	" " "	Tuscarora Phosphate	Baltimore
11924	" " "	York State Special	Baltimore
12043	J. Tyson & Son, Frederick, Md.	Ammd Super Phosphate	Frederick
12038	" " "	Dissolved S. C. Bone	Frederick
12075	" " "	Half and Half	Park Mills
12117	E. S. Valliant & Sons, Church Hill, Md.	Ideal Phosphate	Barclay
11961	Va.-Carolina Chemical Co., Richmond, Va.	Bone Meal	Hancock
11952	" " "	Guaranteed 14 Per Cent. Acid Phosphate.	Gaithersburg

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11954	2.17	2.00	2.44	2.00	1.72	10.59	10.00	12.31	.....	$21.31	$19.00
11955	2.73	2.50	4.06	4.00	1.07	10.38	10.00	11.45	.....	24.43	22.75
11957	.....	.....	.....	.....	2.35	14.99	14.00	17.34	.....	11.99	11.20
11953	1.57	1.50	1.90	1.50	.95	9.46	8.00	10.41	.....	17.24	14.75
11956	4.40	4.50	.....	.....	.....	.....	.....	22.20	22.00	32.33	.....
12135	2.29	2.50	2.53	2.00	1.00	10.76	8.00	11.76	.....	21.60	18.75
12133	1.02	1.00	1.78	2.00	.57	12.46	10.00	13.03	.....	18.04	15.50
12134	3.27	3.00	3.01	2.00	1.50	7.56	7.00	9.06	.....	22.62	19.50
12132	2.15	2.00	2.82	2.00	2.45	8.11	7.00	10.56	9.00	19.44	16.80
12131	2.11	3.00	2.38	2.00	.62	10.23	8.00	10.85	10.00	20.25	21.30
12004	2.57	1.75	2.27	2.50	3.12	11.54	10.00	14.66	.....	24.06	18.63
12074	.....	.....	.....	.....	.50	14.32	14.00	14.82	.....	11.46	11.20
12140	3.30	3.00	.....	.....	.....	.....	.....	25.60	24.00	32.57	.....
12113	2.10	2.00	4.08	4.00	.97	8.14	7.00	9.11	.....	19.96	18.00
11922	.....	.....	2.22	2.00	.40	10.56	10.00	10.96	.....	10.75	10.00
11923	.....	.....	5.26	5.00	.27	10.69	10.00	10.96	.....	13.86	13.00
11924	1.09	1.00	4.33	4.00	.82	8.62	8.00	9.44	.....	17.10	15.50
12043	1.29	1.75	2.22	2.00	2.60	9.25	12.00	11.85	.....	16.93	20.13
12038	.....	.....	.....	.....	.50	15.10	14.00	15.60	.....	12.08	11.20
12075	.39	1.25	.84	1.00	1.42	12.06	12.00	13.48	.....	12.13	17.38
12117	1.24	1.00	2.36	2.00	2.50	8.82	9.00	11.32	.....	16.52	14.50
11961	3.07	4.50	.....	.....	.....	.....	.....	26.16	44.00	31.85	.....
11952	.....	.....	.....	.....	.70	15.83	14.00	16.53	.....	12.66	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
11960	Va.-Carolina Chemical Co., Richmond, Va.	Special Compound for Wheat.	Hancock
12003	" " "	Standard Bone and Pot.	Baltimore.
12139	S. L. Webster & Son, Cambridge, Md.	Ammd. Bone Phos. No. 1	Baltimore
12093	" " "	Ammd. Bone Phos. No. 2	Baltimore
12122	" " "	Old Dorset	Trappe
12123	" " "	Rock and Potash	Trappe
12141	" " "	Times Brand Bone Phos.	Baltimore
12108	Harry W. Whistler, Fountain Green, Md.	Crop Grower	Forest Hill
11981	O. M. Whitaker, Reckord, Md.	Fine Ground Raw Bone	Bel Air
12154	" " "	Fine Ground Raw Bone	Bel Air
12155	" " "	Fine Ground Raw Bone	Bradshaw
12016	Robt. A. Woolridge Co., Baltimore, Md.	Champion Giant Phos	Baltimore
12150	" " "	Chieftain Bone Stock Phosphate	Singerly
12151	" " "	Chieftain Bone Stock Phosphate	Carrollton
12060	" " "	Florida Acid Phosphate	Baltimore
11991	" " "	German Potash Mixture.	Baltimore
11995	" " "	Liberty Bell Potash Mixture	Baltimore
11925	" " "	Triumph Pure Bone Phos.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
11960	1.36	1.00	1.11	1.00	.95	8.05	8.00	9.00	.....	$14.30	$12.50
12003	.....	.....	1.72	2.00	1.57	10.55	10.00	12.12	.....	10.47	10.00
12139	2.56	2.50	3.22	4.62	2.77	10.93	9.48	13.75	.....	24.27	23.81
12093	1.98	2.00	2.72	2.00	2.17	9.23	8.00	11.40	.....	19.75	17.00
12122	1.01	1.50	5.03	4.00	1.85	8.29	8.00	10.14	.....	17.60	17.25
12123	.....	.....	2.61	2.00	2.65	11.43	8.00	14.28	.....	12.28	8.40
12141	.61	.50	4.13	3.00	1.07	8.73	9.00	9.80	10.50	13.46	12.55
12108	1.60	1.50	2.64	2.00	.35	9.38	8.00	9.73	.....	17.76	15.25
11981	3.75	4.00	.....	.....	.....	.....	.....	25.10	*45.00	29.33	.....
12154	3.65	4.00	.....	.....	.....	.....	.....	25.44	*45.00	29.37	.....
12155	4.50	4.00	.....	.....	.....	.....	.....	23.10	*45.00	29.80	.....
12016	1.09	1.00	2.35	2.00	1.05	9.68	9.00	10.73	.....	16.27	15.10
12150	2.02	2.00	2.08	2.00	1.03	9.37	11.50	10.40	.....	18.93	20.50
12151	2.64	2.00	2.49	2.00	1.22	8.14	8.00	9.36	.....	20.36	17.00
12060	.....	.....	.....	.....	1.40	14.23	14.00	15.63	15.00	11.38	11.20
11991	.....	.....	1.98	2.00	1.72	10.08	10.00	11.80	11.00	10.38	10.20
11995	.....	.....	3.17	3.00	.42	12.16	12.00	12.58	13.00	12.99	12.80
11925	1.60	1.50	3.90	4.00	.60	8.12	8.00	8.72	.....	17.86	18.05

*Bone Phosphate, 2 1-5 times the Phosphoric Acid.

Table Showing Mechanical Analysis of Ground Bone.

(The Chemical Analysis is Given in the Preceding Table.)

No.	NAME AND ADDRESS OF MANUFACTURER.	NAME OF FERTILIZER.	Fine Less than 1-50 inch.	Fine-Medium 1-25 to 1-50 Inch.	Medium 1-25 to 1-12 inch.	Coarse Larger than 1-12 inch.
11697	American Agricultural Chemical Co., New York, N. Y.	Fine Ground Bone	53	33	13	1
11744	American Agricultural Chemical Co., New York, N. Y.	Fine Ground Bone	55	32	12	1
11810	American Agricultural Chemical Co., New York, N. Y.	Pure Ground Bone	30	30	39	1
11793	American Agricultural Chemical Co., (Canton,) Balto., Md.	Fine Ground Bone	55	30	13	2
11767	American Agricultural Chemical Co., (Canton), Balto., Md.	Pure Ground Bone	26	32	40	2
11749	Amer. Agricultural Chem'l Co., (Packer's Union,) Balto., Md.	Fine Ground Bone	58	29	12	1
11755	Armour Fertz. Wks., Baltimore, Md.	Bone Meal	60	27	12	1
11632	Armour Fertz. Wks., Baltimore, Md.	Raw Bone Meal Fertilizer	55	30	15	0
11680	Baugh & Sons Co., Baltimore, Md.	Fine Ground Bone	37	32	22	9
11664	Baugh & Sons Co., Baltimore, Md.	Raw Bone Meal	45	43	12	0
11746	C. E. Bond, Spencerville, Md.	Pure Raw Bone	34	43	17	6
11740	Griffith & Boyd, Baltimore, Md.	Pure Fine Ground Bone Meal	43	36	15	6
11700	Griffith & Boyd, Baltimore, Md.	Soft Ground Bone	51	24	14	11
11903	Hanway, Barnes & McComas, Belair, Md.	Ground Bone	60	25	13	4
12049	Hubbard Fertilizer Company, Baltimore, Md.	Warranted Pure Raw Bone	52	27	20	1
12147	Lister's Agricultural Chemical Co., Newark, N. J.	Celebrated Ground Bone	36	30	18	16
11982	Lister's Agricultural Chemical Co., Newark, N. J.	Pure Raw Bone Meal	37	32	29	2
11958	Jos. Lister, Chicago, Ill.	Pure Bone Meal	53	32	15	0
12005	D. B. Martin Co., Philadelphia. Pa.	Abattoir Products, Ground Raw Bone.	38	15	16	31
12008	D. B. Martin Co., Philadelphia, Pa.	Ground Bone	60	29	10	1
12110	Miller Fertilizer Company, Baltimore, Md.	Bone Meal	55	45	0	0
11985	Miller Fertilizer Company, Baltimore, Md.	Ground Bone	64	28	6	2
11980	G. Ober & Sons Co., Baltimore, Md.	Pure Bone Meal,	54	29	13	4
12143	G. Ober & Sons Co., Baltimore, Md.	Pure Raw Bone Meal	33	28	25	14
11905	Patapsco Guano Co., Baltimore, Md.	Pure Ground Bone	31	32	35	2
11881	Pollack Fertilizer Company, Baltimore, Md.	Ground Animal Bone	53	28	19	0
12129	Scott Fertilizer Co., Elkton, Md.	Pure Bone Meal	58	26	12	4
12128	Scott Fertilizer Co., Elkton, Md.	Pure Raw Bone Meal	41	40	19	0
12103	Southern Fertilizer Co., York, Pa.	Pure Bone Meal	55	22	12	11
12065	H. S. Taveau & Co., Baltimore, Md.	Raw Bone Meal	41	40	19	0
11956	D. A. Thomas, Hagerstown, Md.	Fine Raw Bone	44	49	7	0
12140	Tuscarora Fertilizer Company, Baltimore, Md.	Animal Bone	60	25	14	1
11961	Va.-Carolina Chemical Company, Richmond, Va.	Bone Meal	60	21	14	5
11981	O. M. Whitaker, Reckord, Md.	Fine Ground Raw Bone	32	30	25	13
12154	O. M. Whitaker, Reckord, Md.	Fine Fround Raw Bone	29	36	23	12
12155	O. M. Whitaker, Reckord, Md.	Fine Ground Raw Bone	26	35	32	7

NOTE.

This is the second edition of this Bulletin. The first edition, when practically completed, was destroyed in the great fire in Baltimore.

The reprinting has been greatly delayed because of the conditions existing since the fire. This is so well known that an extended explanation is certainly unnecessary here. We have done our best to make the delay as short as possible.

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The Maryland Agricultural College,

COLLEGE PARK, MD.

Maryland's School of Technology.

Examinations for Admission September 13th, 10 A. M.
Fall Term Commences September 15th, 1904.

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